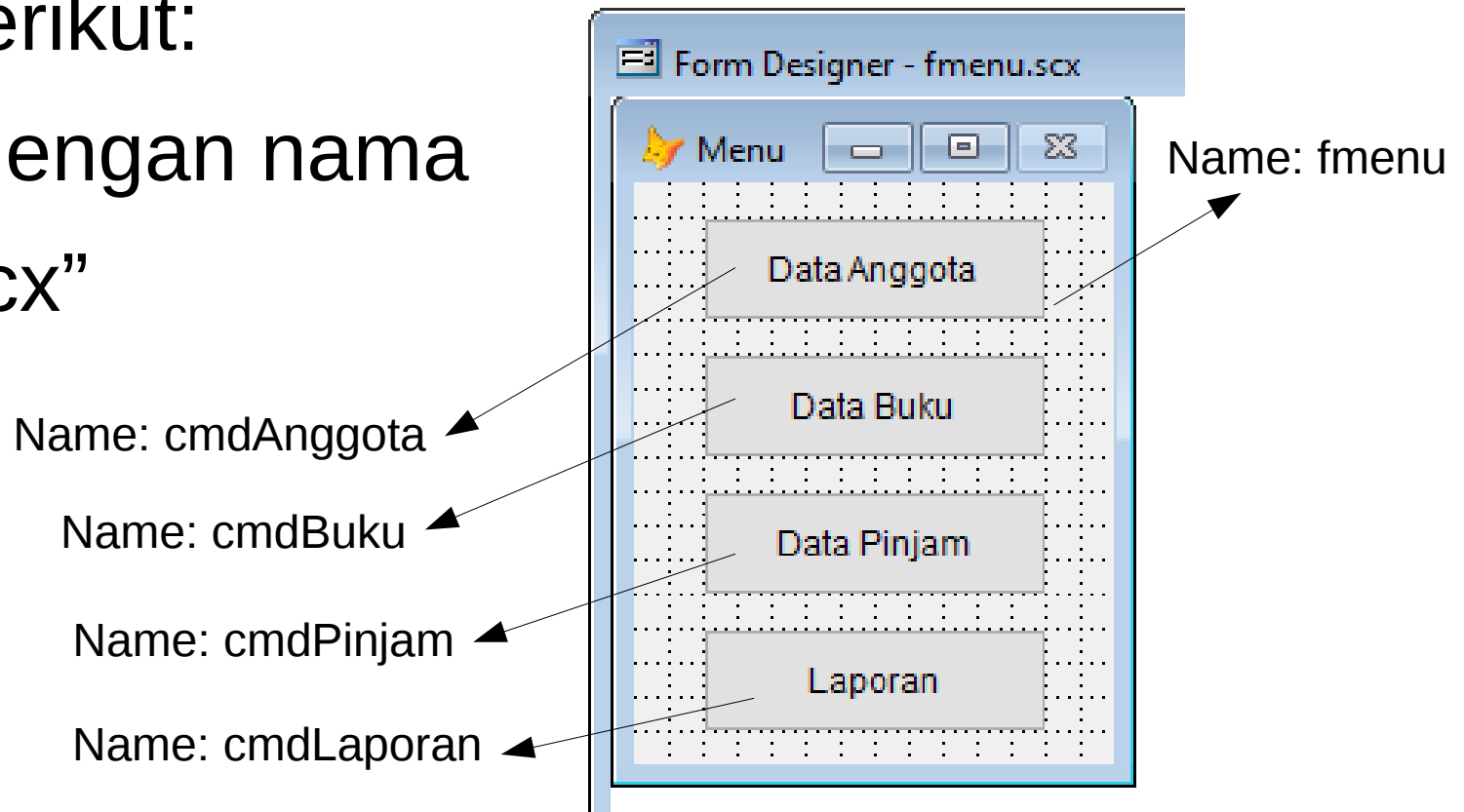


Modul 5

Buat Form Menu,
Form Anggota, Form Buku,
Kode utama

Form Menu

- Buka project “pinjam.pjx”
- Buat form baru, pada tab “Docs > Forms”, klik tombol “New..” > “New Form”, desain form seperti berikut:
- Simpan dengan nama “fmenu.scx”



Properties Form Menu

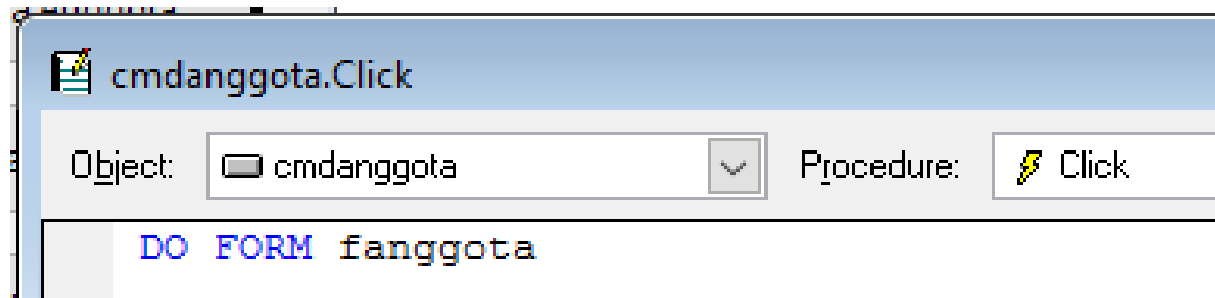
- Atur properties form menu sbb:

Atribut	Nilai
BorderStyle	2 – Fixed Dialog
Caption	Menu
MaxButton	.F. - False
MinButton	.F. - False

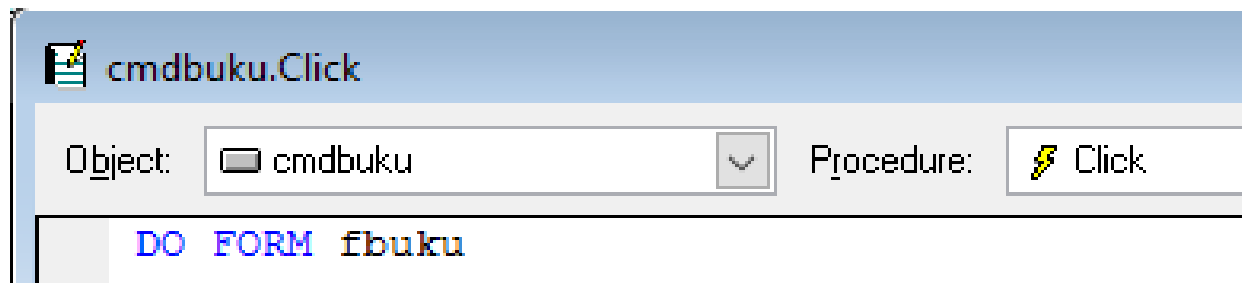
Method Form Menu

Metod panggil form Anggota pada tombol “Data Anggota”

- CmdAnggota.click



- CmdBuku.click



Form Anggota

- Buat form baru, simpan dengan nama

“fanggota.scx”

The screenshot shows a form titled 'Anggota' with a yellow star icon. The form is set against a grid background. It contains the following elements:

- Labels:** 'Nim.', 'Nama.', and 'Progdi.' are positioned to the left of their respective text boxes.
- Textboxes:** 'txtNim', 'txtNama', and 'txtProgdi' are input fields for member information.
- Grid:** A table-like structure with 3 columns and 3 rows, labeled 'Grid1' in its top-left corner.
- Navigation Controls:** A set of buttons at the bottom left: '<|', '<', '>', and '>|', labeled 'cmdAwal', 'cmdSblm', 'cmdSdh', and 'cmdAkhir' respectively.
- Action Buttons:** Four buttons at the bottom right: 'Tambah', 'Simpan', 'Hapus', and 'Keluar', labeled 'cmdTambah', 'cmdSimpan', 'cmdHapus', and 'cmdKeluar' respectively.

Arrows from external labels point to these specific components: 'Label' points to 'Nim.', 'Textbox' points to 'txtNim', 'Grid1' points to the table, 'fAnggota' points to the form's title bar, and the command labels point to their respective buttons.

Properties form anggota

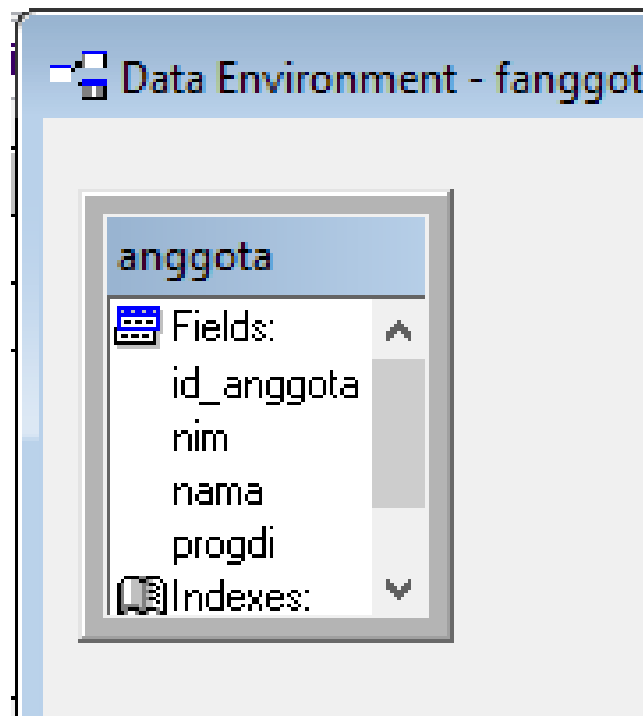
Object Form	Atribut	Nilai
Fanggota (form)	AutoCenter	.T. - True
	Caption	Anggota
	Name	fanggota
TxtNim (textbox)	Name	txtNim
txtNama	Name	txtNama
txtProgdi	Name	txtProgdi
LblNim (label)	Name	lblNim
LblNama	Name	lblNama
LblProgdi	Name	lblProgdi
Grid1	Name	Grid1
	RecordSource	anggota
	ReadOnly	.T. - True

Properties form anggota (lanjutan)

Object Form	Atribut	Nilai
cmdAwal (CommandButton)	Name	cmdAwal
	Caption	<
cmdSblm	Name	cmdSblm
	Caption	<
cmdSdh	Name	cmdSdh
	Caption	>
cmdAkhir	Name	cmdAkhir
	Caption	>
cmdTambah	Name	cmdTambah
	Caption	Tambah
cmdSimpan	Name	cmdSimpan
	Caption	Simpan
cmdHapus	Name	cmdHapus
	Caption	Hapus
cmdKeluar	Name	cmdKeluar
	Caption	Keluar

Data Environment Form Anggota

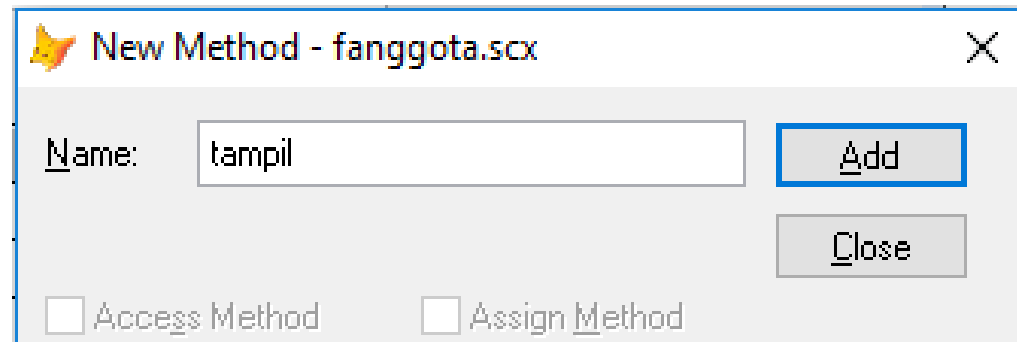
- Klik kanan form, pilih “Data Environment..”
- Pada jendela “Add Table or View”, pilih tabel anggota, klik tombol “Add”.
- Tutup jendela “Add Table or view” dan “Data Environment”.



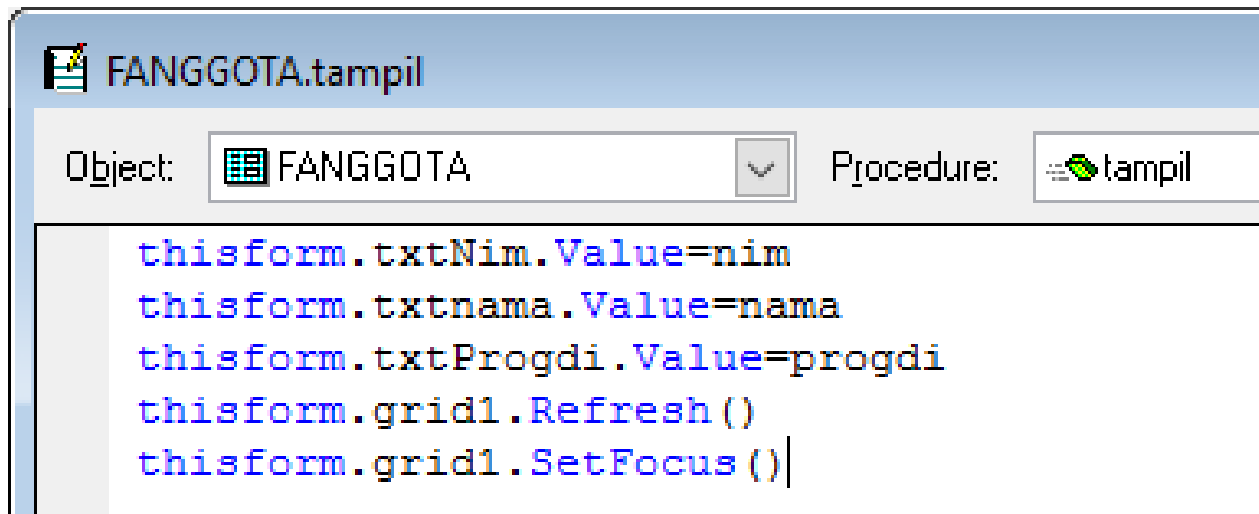
Method tambahan form anggota

Buat method tambahan pada form anggota dengan cara sbb:


- Pilih menu Form > New Method > Name: tampil, klik tombol Add.





- Ketik skrip berikut:






Method form “fAnggota”

 FANGGOTA.Activate


Object:  FANGGOTA Procedure:  Activate



```
PUBLIC tambah  
  
tambah=0  
GO top  
thisform.tampil()
```

 FANGGOTA.Load

Object:  FANGGOTA Procedure:  Load

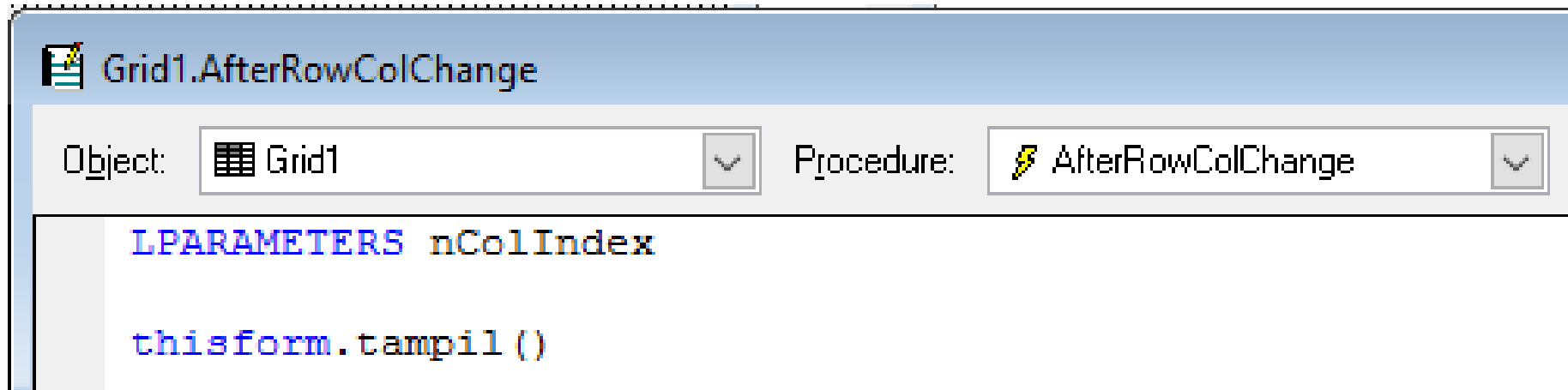
```
USE anggota  
SET ORDER TO ID_ANGGOTA
```

 FANGGOTA.Unload

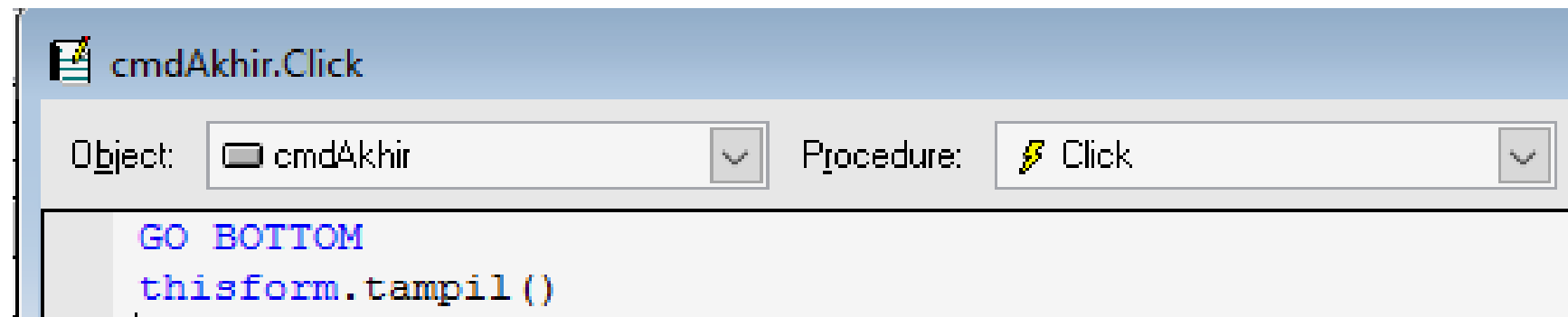
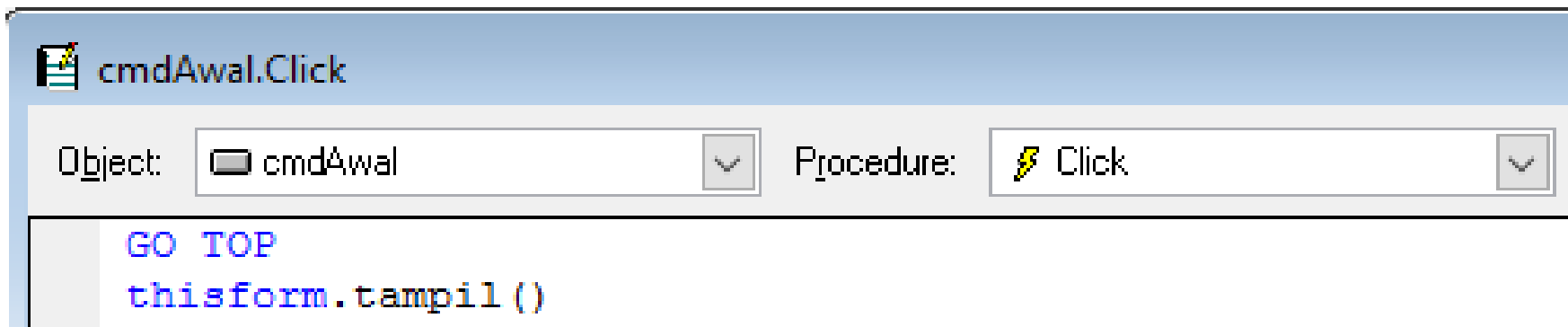
Object:  FANGGOTA Procedure:  Unload

```
use
```

Method “Grid1”



Method tombol Navigasi “cmdAwal” dan “cmdAkhir”

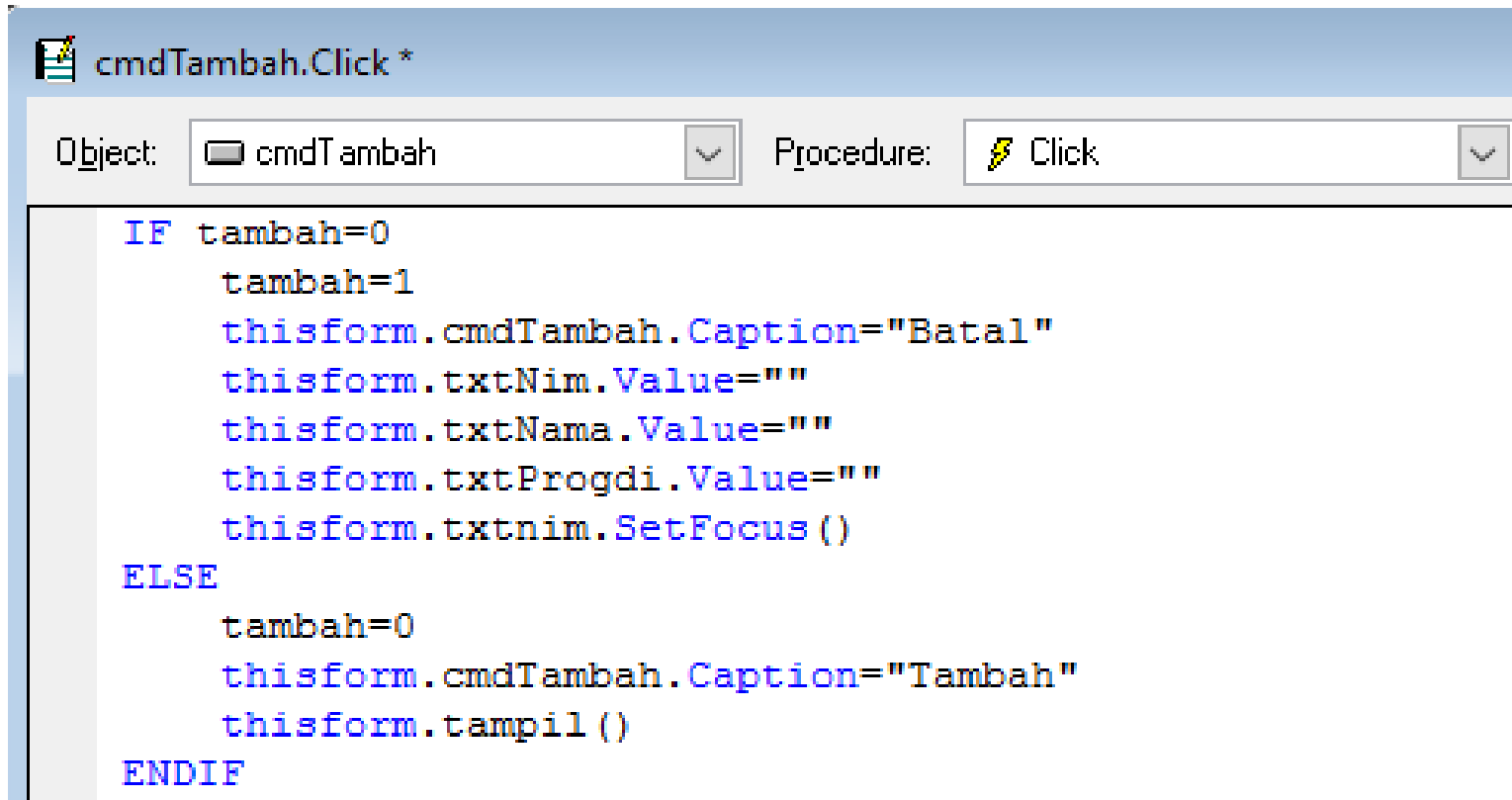


Method tombol Navigasi “cmdSblm” dan “cmdsdh”

```
cmdSblm.Click  
Object: cmdSblm Procedure: Click  
IF BOF()  
    GO TOP  
ELSE  
    SKIP -1  
    IF BOF()  
        GO TOP  
    ENDIF  
ENDIF  
thisform.tampil()
```

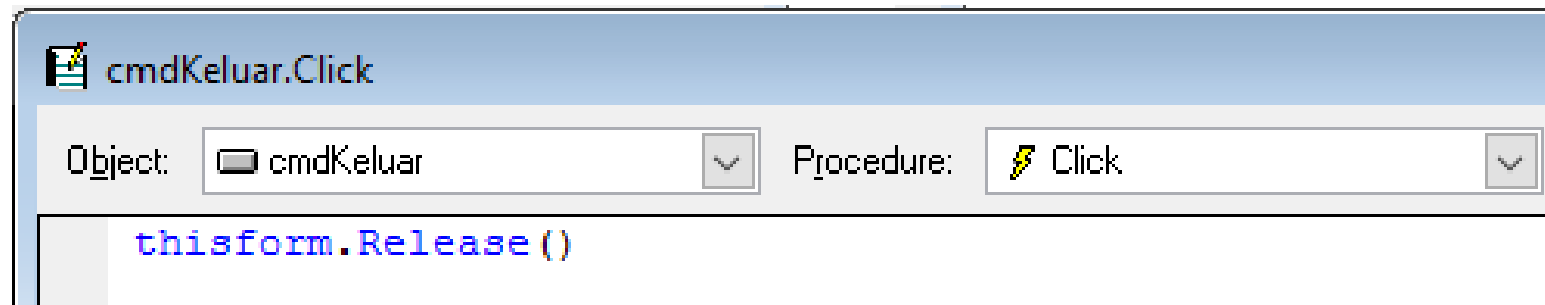
```
cmdSdh.Click  
Object: cmdSdh Procedure: Click  
IF EOF()  
    GO BOTTOM  
ELSE  
    SKIP 1  
    IF EOF()  
        GO BOTTOM  
    ENDIF  
ENDIF  
thisform.tampil()
```

Method tombol “cmdTambah” dan “cmdKeluar”



The screenshot shows the Visual Basic IDE with the 'cmdTambah.Click' event procedure selected. The 'Object' dropdown is set to 'cmdTambah' and the 'Procedure' dropdown is set to 'Click'. The code in the editor is as follows:

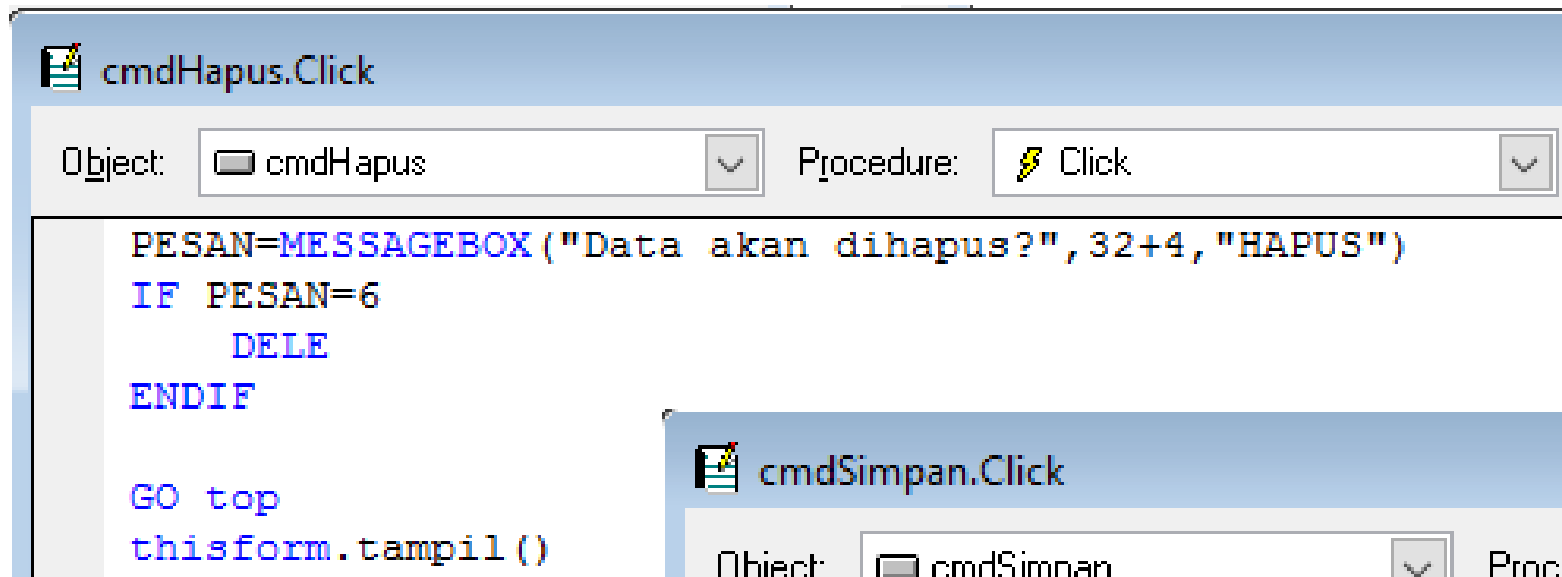
```
IF tambah=0
    tambah=1
    thisform.cmdTambah.Caption="Batal"
    thisform.txtNim.Value=""
    thisform.txtNama.Value=""
    thisform.txtProgdi.Value=""
    thisform.txtnim.SetFocus()
ELSE
    tambah=0
    thisform.cmdTambah.Caption="Tambah"
    thisform.tampil()
ENDIF
```



The screenshot shows the Visual Basic IDE with the 'cmdKeluar.Click' event procedure selected. The 'Object' dropdown is set to 'cmdKeluar' and the 'Procedure' dropdown is set to 'Click'. The code in the editor is as follows:

```
thisform.Release()
```

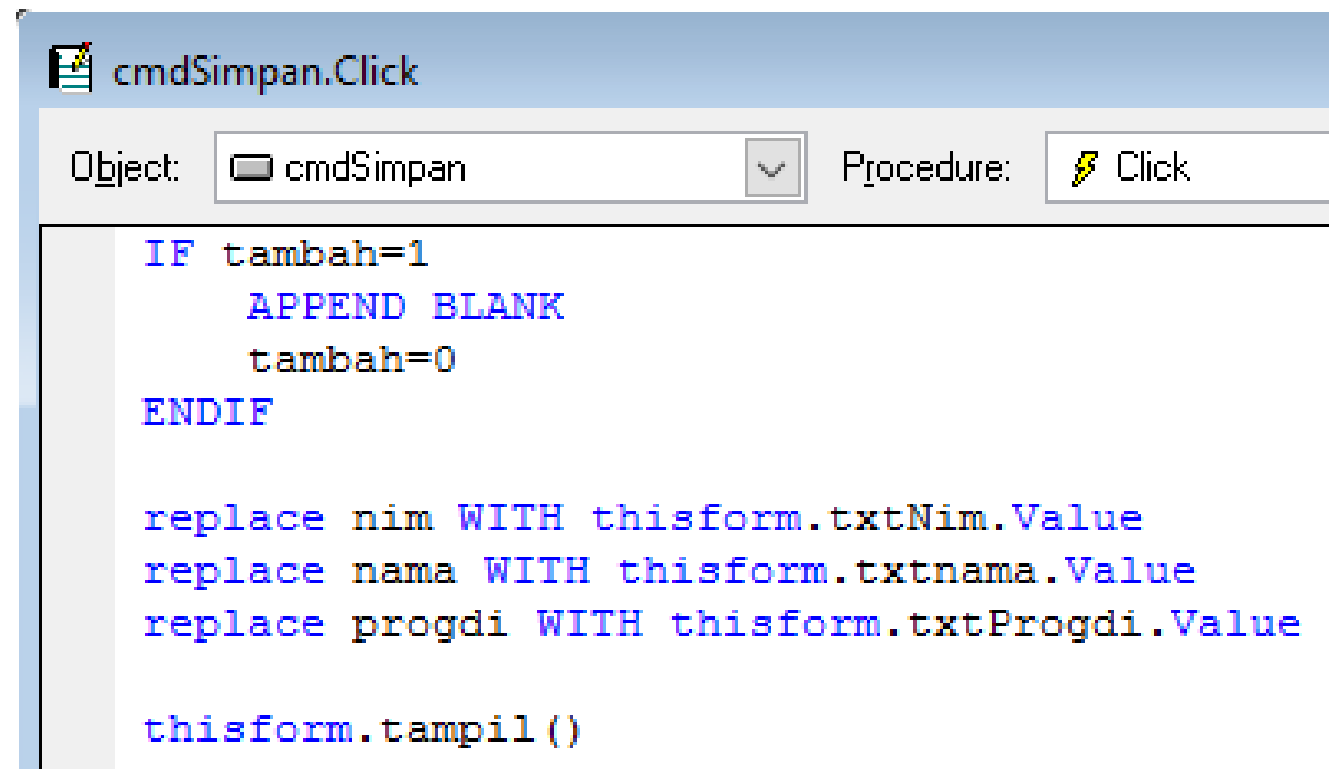
Method tombol “cmdSimpan” dann “cmdHapus”



The screenshot shows the Visual Basic IDE with the 'cmdHapus.Click' event procedure selected. The 'Object' dropdown is set to 'cmdHapus' and the 'Procedure' dropdown is set to 'Click'. The code in the text area is as follows:

```
PESAN=MESSAGEBOX("Data akan dihapus?",32+4,"HAPUS")
IF PESAN=6
    DELE
ENDIF

GO top
thisform.tampil()
```



The screenshot shows the Visual Basic IDE with the 'cmdSimpan.Click' event procedure selected. The 'Object' dropdown is set to 'cmdSimpan' and the 'Procedure' dropdown is set to 'Click'. The code in the text area is as follows:

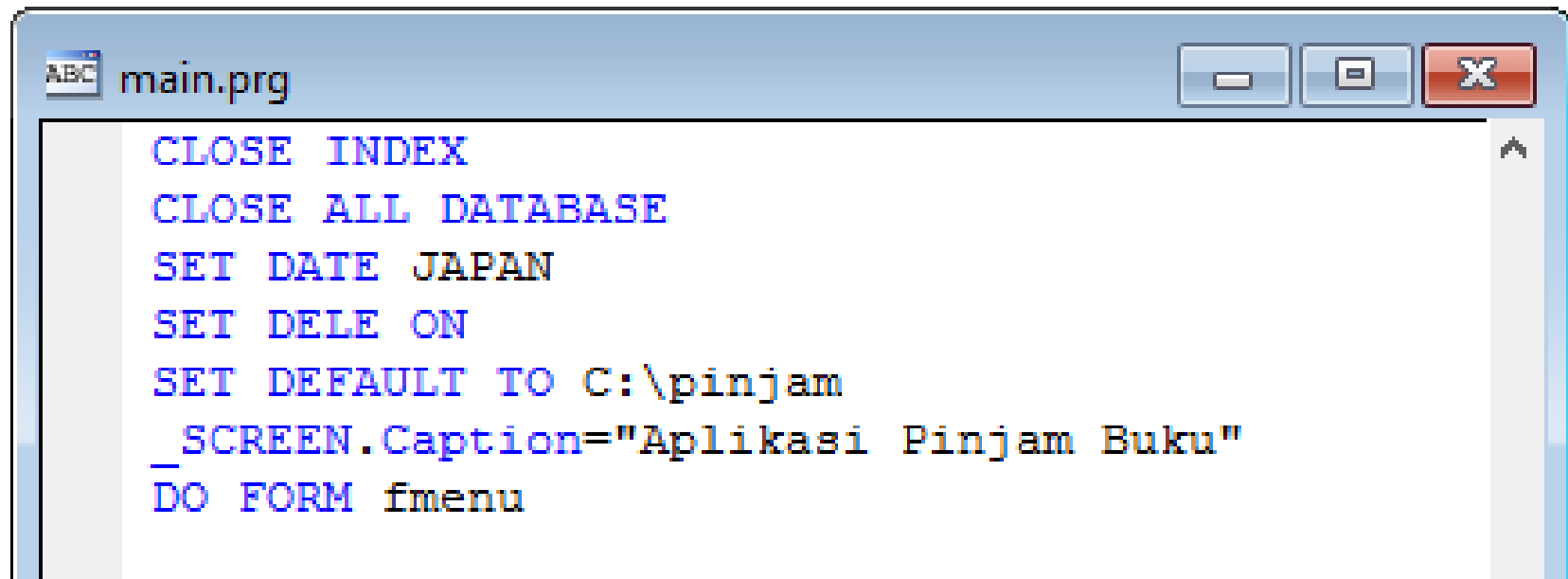
```
IF tambah=1
    APPEND BLANK
    tambah=0
ENDIF

replace nim WITH thisform.txtNim.Value
replace nama WITH thisform.txtnama.Value
replace progdi WITH thisform.txtProgdi.Value

thisform.tampil()
```

Program Utama Aplikasi

- Buat file prg baru pada tabs “Code” > Programs > New.., ketik kode berikut dan simpan dengan nama “main.prg”



```
close index
close all database
set date japan
set dele on
set default to c:\pinjam
screen.caption="Aplikasi Pinjam Buku"
do form fmenu
```


Cara menjalankan Program

- Pada tabs “Code” > Programs
- pilih “main.prg”
- klik tombol “Run”

Latihan

- Silahkan buat form data buku menggunakan langkah-langkah seperti pada form Anggota, simpan nama file dengan nama “fbuku.scx” pada folder C:\pinjam.